

# PRIMERGY Econe130

*System configurator and order-information guide*

November 2003

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Change report



# Instructions

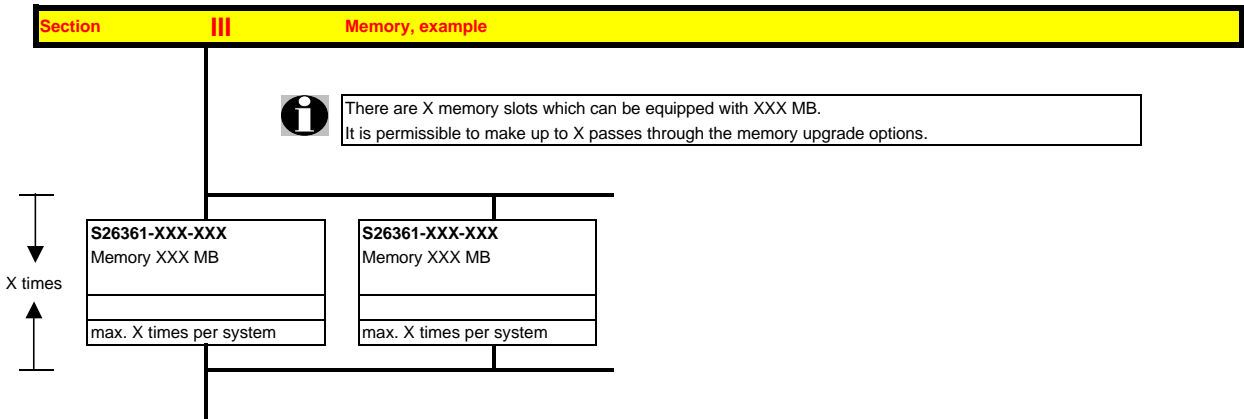
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

Only these tools will ensure a fast and proper configuration of your PRIMERGY server or your complete PRIMERGY Rack system.

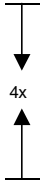
You can configure your individual PRIMERGY server in order to adjust your specific requirements.

The System configurator is divided into several chapters that are identical to the current price list and PC-/ System-Architect.

Please follow the lines. If there is a junction, you can choose which way or component you would like to take. Go through the configurator by following the lines from the top to the bottom.



In one chapter you can only select as many components (here 4x) as the arrow indicates.



Please note that there are information symbols which indicate necessary information.

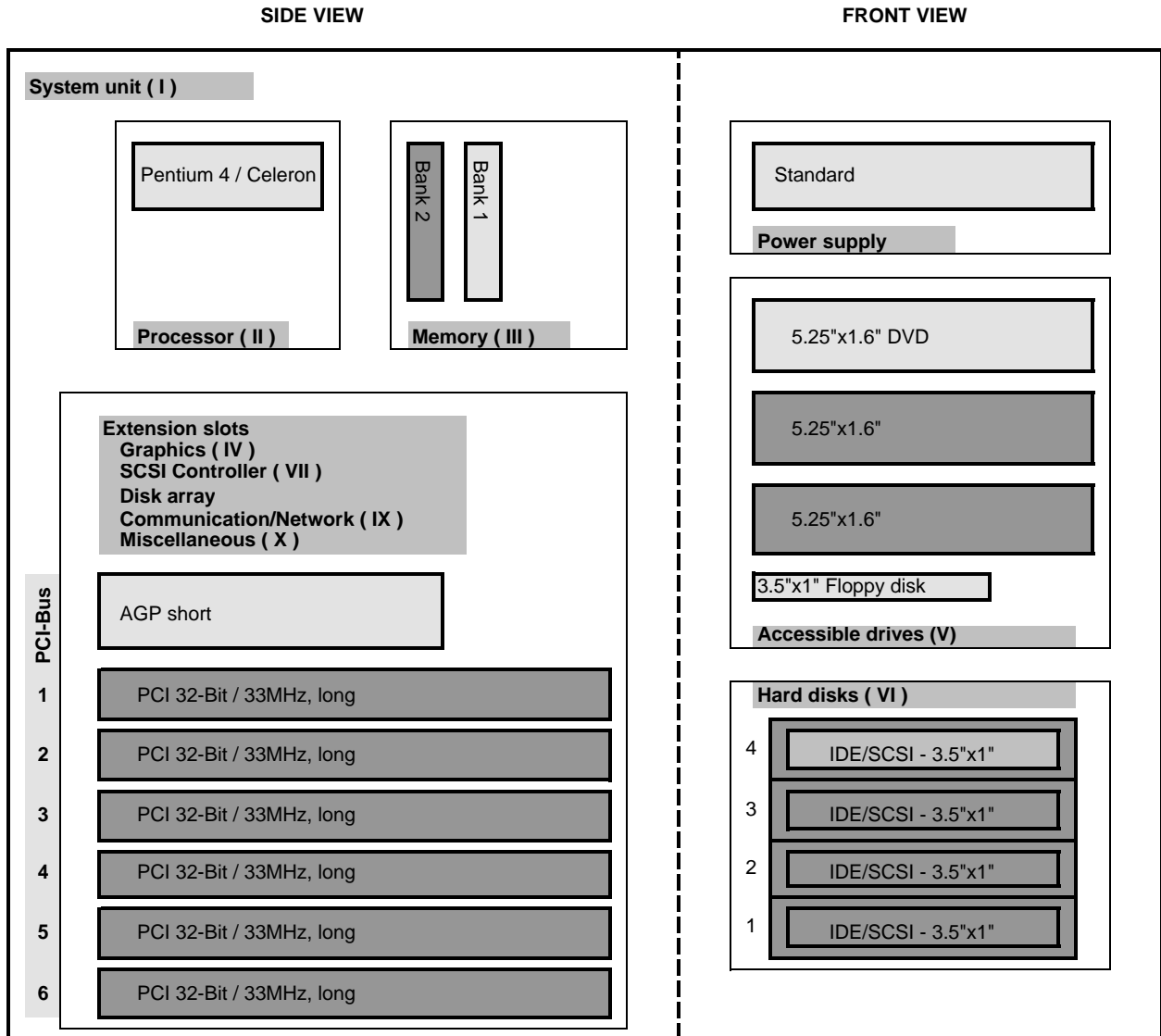


**Further information in the internet see:**

- <http://www.primergy.com> (internet)
- <http://extranet.fujitsu-siemens.com/primergy> (extranet)

Prices and availability see price list and PC-/ System-Architect. Subject to change and errors excepted.

## Configuration diagram for "PRIMERGY Econel30" system unit



### Recommendation of HD extension

HD-Bays	Number of HDs						
	1 Standard IDE	2 Standard IDE or RAID IDE		3 MIXED IDE	4 MIXED IDE or RAID IDE		1-4 SCSI
No 1	onb. MA	onb. MA	RAID MA Ch1	onb. MA	onb. MA	1.RAID MA Ch1	ID 0 (std.)
No 2	-	onb. SL	RAID MA Ch2	-	onb. SL	1.RAID MA Ch2	ID 1 (opt.)
No 3	-	-	-	RAID MA Ch1	RAID MA Ch1	1)* 2.RAID MA Ch1	ID 2 (opt.)
No 4	-	-	-	RAID MA Ch2	RAID MA Ch2	1)* 2.RAID MA Ch2	ID 3 (opt.)

onb. = onboard      MA = Master  
 Ch = Channel      SL = Slave

**i** All needed cables are enclosed.

Depending on the number and type of HDs, the chart above shows the connection of HDs to the on-board IDE Controller, to the IDE RAID cards and to the SCSI controller card respectively.

1) \* A second RAID Controller can only later be ordered as -L part number.

Start "PRIMERGY Econel30"

**SW Configurator**

mit OEM-Software  
für PRIMERGY-Server

ohne OEM-Software  
für PRIMERGY-Server

Bis auf OEM-SW von Vmware und F5 ist die Verwendung von OEM-Betriebssystem-Software später nicht mehr erlaubt.



For all SW products listed below please refer to the corresponding software configurator accessible via the Extranet under "PC Configurations, Configurator for PRIMERGY SW", URL see below.

**MS - Software: W \*\*)**  
 - NT 4.0 Server  
 - Small Business Server 2000  
 - Windows 2000 Server  
 - Windows Server 2003, Web Edition (only English) Standard Edition

**PRIMECLUSTER \*)**  
 - Clustering  
 - Load Balancing

**Linux - Software: \*\*)**  
 - SuSE Linux Enterprise Server: S  
 - SuSE Professional Linux  
 - Red Hat Enterprise Linux  
 - Red Hat Professional Linux

**CITRIX-Software for NT: W1**  
 - Multiuser SW MetaFrame LoadBalancing  
 Additional User Licences

**easyMirror for Linux NT 4, WIN 2000 \*\*\*\*)**



\*) Pay attention to release information on datasheet under <http://www.primecluster.com>



\*\*) Pay attention to release and order information in PRINCE -> Operating System [http://vil.mch.fsc.net/vil/pc/vil/primergy/overview/prince/index\\_en.htm](http://vil.mch.fsc.net/vil/pc/vil/primergy/overview/prince/index_en.htm)

**Backup-Software: U**  
 - ARCserve for NT

**You'll find single software configurators and release lists (OS-matrix / system management / security) under following addresses:**

for internal users: [http://vil.mch.fsc.net/vil/oc/special/primergy/index\\_en.htm](http://vil.mch.fsc.net/vil/oc/special/primergy/index_en.htm)  
 for partners: [http://vilpart.fujitsu-siemens.de/vil/oc/special/primergy/index\\_en.htm](http://vilpart.fujitsu-siemens.de/vil/oc/special/primergy/index_en.htm)

**Continue with PRIMERGY HW configurator**

Start "Econel30"

**Section | Basic unit**

**i System unit consisting of:**

- \* Housing including power supply
- \* Systemboard with
  - Ultra DMA-100 Controller on-board (for 2x 2 drives)
  - 7 slots: 1x AGP, 6x PCI
- \* 1 drive bay 3.5" (occupied by 1 floppy disk 3.5"/ 1.44MB)
- \* 3 bays 5.25" for accessible drives (one is occupied by 1 DVD)
- \* 4 bays for IDE/SCSI HDs (internal)
- \* Audio on-board
- \* AGP-graphics card ATI Rage128 (16MB) in AGP slot
- \* LAN (Intel) on-board
- \* all cables included
- \* PS/2 wheelmouse

**S26361-K831-V360**  
**IDE Grundeinheit V360**  
 - Celeron Prozessor 2.6GHz  
 128KB SLC, inkl. Kühlkörper  
 - 256MB DDR-RAM PC2100  
 - 1x 40 GB IDE HD

**S26361-K831-V310**  
**IDE Basic unit V310**  
 - Pentium 4 processor 2.4GHz  
 512KB SLC, incl. heat sink  
 - 256MB DDR-RAM PC2100  
 - 1x 40 GB IDE HD

**S26361-K831-V320**  
**IDE Basic unit V320**  
 - Pentium 4 processor 2.4GHz  
 512KB SLC, incl. heat sink  
 - 256MB DDR-RAM PC2100  
 - 1x 80 GB IDE HD

**S26361-K831-V340**  
**IDE Basic unit V340**  
 - Pentium 4 processor 2.4GHz  
 512KB SLC, incl. heat sink  
 - 512MB DDR-RAM PC2100  
 - 1x 80 GB IDE HD

**S26361-K831-V350**  
**IDE Basic unit V350**  
 - Pentium 4 processor 2.4GHz  
 512KB SLC, incl. heat sink  
 - 512MB DDR-RAM PC2100  
 - 1x 120 GB IDE HD

**S26361-K831-V311**  
**SCSI Basic unit V311**  
 - Pentium 4 processor 2.4GHz  
 512KB SLC, incl. heat sink  
 - SCSI Controller (D1305)  
 - 256MB DDR-RAM PC2100  
 - 1x 36GB SCSI HD

**S26361-K831-V321**  
**SCSI Basic unit V321**  
 - Pentium 4 processor 2.4GHz  
 512KB SLC, incl. heat sink  
 - SCSI Controller (D1305)  
 - 256MB DDR-RAM PC2100  
 - 1x 73GB SCSI HD


**S26361-K831-V331**  
**SCSI Basic unit V331**  
 - Pentium 4 processor 2.4GHz  
 512KB SLC, incl. heat sink  
 - SCSI Controller (D1305)  
 - 512MB DDR-RAM PC2100  
 - 1x 36GB SCSI HD

**S26361-K831-V341**  
**SCSI Basic unit V341**  
 - Pentium 4 processor 2.4GHz  
 512KB SLC, incl. heat sink  
 - SCSI Controller (D1305)  
 - 512MB DDR-RAM PC2100  
 - 1x 73GB SCSI HD


A

A

**Section II Processor**


 Included in the basic unit!

**Section III Memory**

 There are 2 memory slots. They can be equipped with 256MB, 512MB, 1GB. Mix and match is possible. **One memory slot is occupied!**

<p><b>S26361-F2580-E256</b>                  Memory 256MB DDR-RAM PC2100                  ECC unbuffered                  consisting of one module                  occupies one slot                  max. 1x per system</p>	<p><b>S26361-F2580-E512</b>                  Memory 512MB DDR-RAM PC2100                  ECC unbuffered                  consisting of one module                  occupies one slot                  max. 1x per system</p>	<p><b>S26361-F2580-E513</b>                  Memory 1GB DDR-RAM PC2100                  ECC unbuffered                  consisting of one module                  occupies one slot                  max. 1x per system</p>
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**Section IV Graphics**

 Graphics Controller ATI Rage128 16MB is included in the basic unit (occupies AGP slot). Other graphic cards only possible by PCI bus in Customizing.

B

B

**Section V Removable Media Drives**

**i** There is 1 drive bay 3.5" occupied by 1 floppy disk 3.5"/ 1.44MB and 3x 5.25" bays for accessible drives.

1x

<b>S26361-F3008-E1</b>
CD-RW / DVD drive
48/24/48/16 IDE
only W2K and Linux
1.6 * 5.25", anthracite bezel
max. 1x per system

**i** SCSI Basic Unit or SCSI Controller are needed for Backup Drives.

1x

<b>S26361-F2238-E3</b>
Tape drive SLR 100
50GB, 5MB/s, U2W SCSI
Connector: HD68
without cable
incl. description (Ger/US)
data and cleaning cartridge
1.6 * 5.25", anthracite bezel
max. 1x per system

<b>S26361-F2233-E3</b>
Tape drive DAT DDS4
<b>S26361-F2233-E31</b> (only for OBDR)
DDS4 for One button dis. Recovery
20GB, 2.8MB/s, U2W SCSI
Connector: HD68
without cable
incl. description (Ger/US)
1.6 * 5.25", anthracite bezel
max. 1x per system

<b>S26361-F2848-E3</b>
Tape drive DDS Gen5
36GB, 3MB/s, U2W SCSI
Connector: HD68
without cable
incl. description (Ger/US)
data and cleaning cartridge
1.6 * 5.25", anthracite bezel
max. 1x per system

<b>S26361-F2849-E3</b>
Tape drive VXA-2
80GB, 6MB/s, U2W SCSI
Connector: HD68
without cable
incl. description (Ger/US)
data and cleaning cartridge
1.6 * 5.25", anthracite bezel
max. 1x per system

**Section VI Hard disk drives**

**i** One hard disk drive is in the basic unit included

3x

**A. Hard Disks for IDE Basic Units**

<b>S26361-F2263-E40</b>
Hard disk 40GB DMA 100
fitting height 1"
occupies 3.5" drive bay
max. 3x per system

<b>S26361-F2263-E80</b>
Hard disk 80GB DMA 100
fitting height 1"
occupies 3.5" drive bay
max. 3x per system

<b>S26361-F2263-E120</b>
Hard disk 120GB DMA 100
fitting height 1"
occupies 3.5" drive bay
max. 3x per system

**i** If you install more than 2 IDE Hard Disks, an IDE-RAID Controller (S26361-F2567-E2) is needed. At a RAID controller only drive assemblies with same capacity may be attached.

3x

**B. Hard Disks for SCSI Basic Units**


<b>S26361-F2824-E136</b>
Hard disk 36GB U 160 SCSI
fitting height 1"
occupies 3.5" drive bay
max. 3x per system

<b>S26361-F2824-E173</b>
Hard disk 73GB U 160 SCSI
fitting height 1"
occupies 3.5" drive bay
max. 3x per system

C


C

**Section VII SCSI Controller**

 There are 7 slots (max. 340 mm): 1x AGP (occupied by AGP graphics card), 6x PCI long

**A. SCSI Controller for backup drives**

<b>S26361-F2644-E3</b>
SCSI Controller UW
with LSI Chip 53C1000R
1 channel LVD, for internal backup drive max. 160MB/s; with cable
64/66 PCI, min 166mm, PCI standard profile
int: HD68 LVD, ext:
SW:
max. 1x per system


 SCSI Controllers only for backup drives  
 In SCSI Basic Units not necessary


**B. SCSI Controller for external peripheral devices**


<b>S26361-F2399-E1</b>
SCSI 160 Controller
Adaptec SCSI Card 29160
1 channel: LVD + Fast/ Ultra (decoupl.) LVD connect. for HD, without cable Fast/Ultra connect. for acc. drives
64/66 (32/33) PCI, min 180 mm, hp
int: Fast 50 pins or Ultra HD68 + LVD HD68; ext: HD68(LVD)
SW:
max. 1 per system

**Section VIII Disk array**

<b>S26361-F2567-E2</b>
IDE RAID Controller
Promise Fasttrak 100 LP
2-channel IDE RAID Controller max. 100MB/s, with cable 1 HD per channel max.
32/66 PCI, min. 180mm
int.: 2 x ATA 100 UDMA ext.:
SW:
max. 1x per system

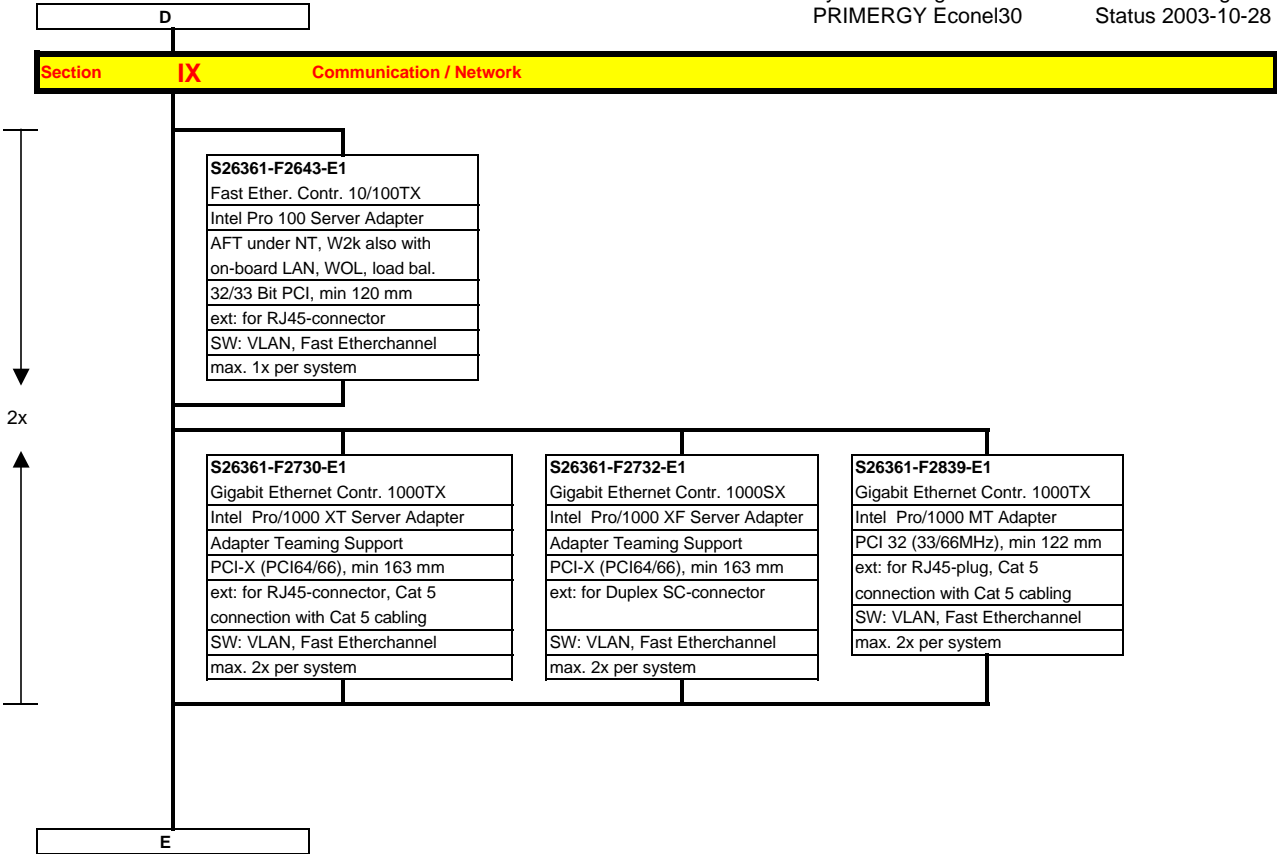
 In RAID-modus you need 2 IDE RAID Controller for the connection  
 of 4 hard disk drives!

 A second IDE RAID Controller can only later be ordered as -L part number.  
 It may be mounted only after installation of the operating system.

 IDE RAID Controller are only released for  
 IDE Basic Units!

D





E

**Section X Miscellaneous**

**Section XI Country pack**

**Power cord for floorstand versions for following countries:**  
1,8 m, grey

T26139-Y1740-E10	D, A, B, F, NL, FIN, N, S, E, P, RUS, TR
T26139-Y1742-E10	USA, Canada
T26139-Y1743-E10	Switzerland
T26139-Y1744-E10	UK, IR
T26139-Y1745-E10	Italy
T26139-Y1746-E10	Denmark
T26139-Y3850-E10	Option "no powercord"

**Keyboards for following countries:**

S26381-K397-E110	USA / international
S26381-K397-E120	Germany
S26381-K397-E140	France
S26381-K397-E155	Sweden / Finland
S26381-K397-E165	United Kingdom
S26381-K397-E180	Spain
S26381-K397-E185	Italy



**Other options and Peripherals**  
For other options refer to the section "Product-specific options"  
These options are supplied loose with the shipment.  
For suitable peripherals for this product refer to the section "Peripherals/communication"

End PRIMERGY Econel30

